DC axial compact fan

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Nominal data

Type	612 FL	
Nominal voltage	[VDC]	12
Nominal voltage range	[VDC]	11.5 .. 13.2
Speed	[min^{-1}]	2650
Power input	[W]	0.4
Min. ambient temperature	[°C]	0
Max. ambient temperature	[°C]	70
Air flow	[m^3/h]	19
Sound power level	[B]	3.6
Sound pressure level	[dB(A)]	16

ml = max. load · me = max. efficiency · rfa = running at free air · cs = customer specs · cu = customer unit
Subject to alterations

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Technical features

Dimensions	60 x 60 x 15 mm
General description	Compact fan with low power consumption. Electronic commutation completely integrated.
Connection line	Single strands AWG 28, TR 64, bared and tin-plated.
Locked-rotor protection	Impedance protection
Direction of protection	Left, looking at rotor
Direction of air flow	Air exhaust over bars
Bearing	Sintec sleeve bearing
Lifetime L10 at 20 °C	50000 h
Lifetime L10 at 60 °C	20000 h
Mass	0.030 kg
Housing material	Fiberglass-reinforced PBT plastic
Material of impeller	Fiberglass-reinforced PA plastic
Motor protection	Protected against reverse polarity and locking.
Option	Alarm signal
Approval	VDE, CSA, UL, CE

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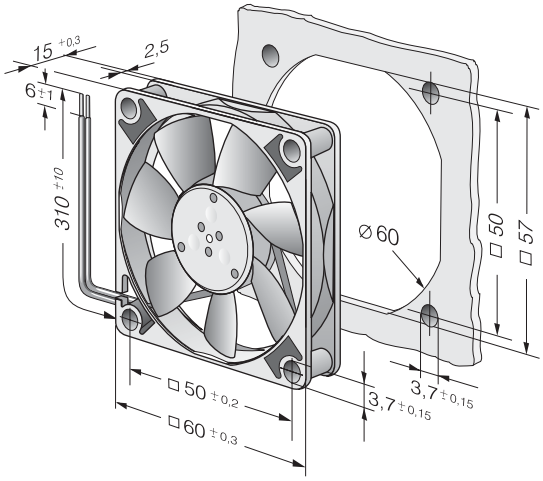
Product drawing



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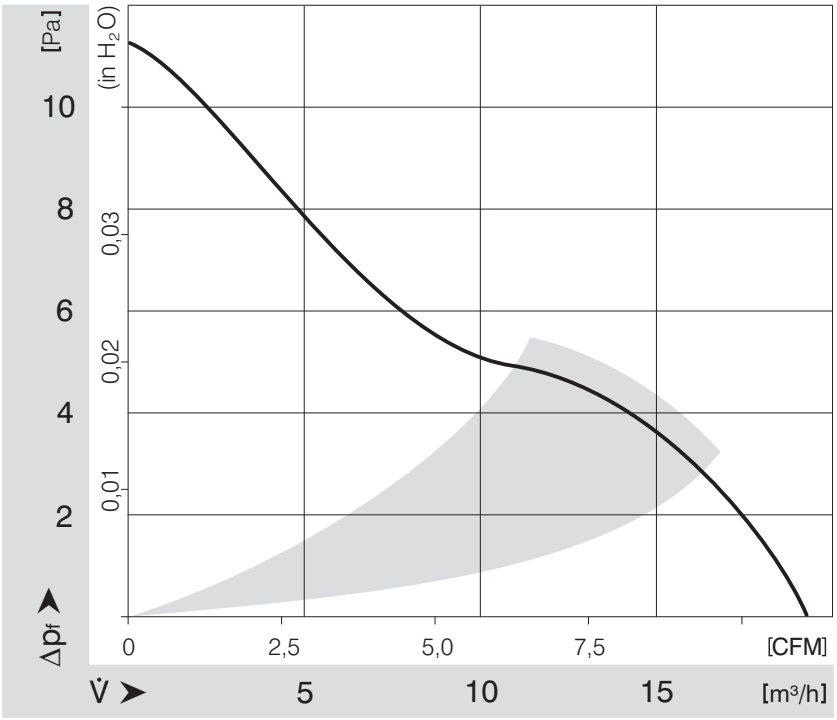
Charts: Air flow



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